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PERFORMANCE, ENDURANCE AND SATISFACTION

PX-2, PX-4G, PX-5, & PX-7 SERIES ALTERNATOR DIMENSION DIFFERENCES

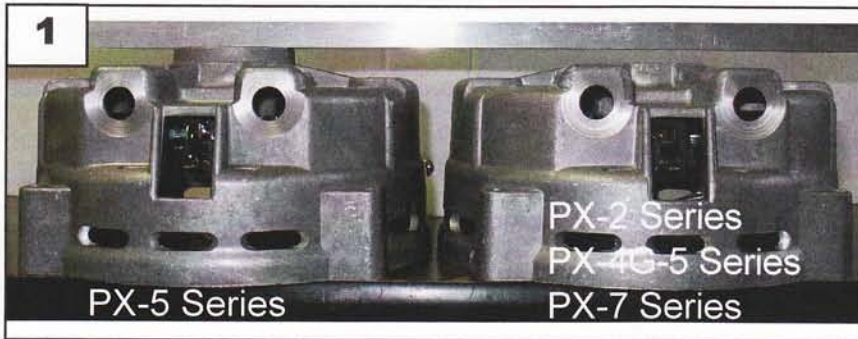


Photo 2) Rear Bearings:
 Top: PX-2, PX-4G-5, PX-7.
 Bottom: PX-5.

1) On the left is a partially assembled PX-5 Series rear housing and the housing on the right represents the PX-2, PX-4G-5, and PX-7 Series. They are both sitting flat on a table with an aluminum channel sitting flat on the PX-5 housing. The PX-5 has a larger rear bearing that requires a longer housing. This also represents the overall length difference between a PX-5 Series alternator and a PX-7 Series alternator since everything else between a PX-5 and PX-7 is the same. PX-7 rear housings are a combination of the diodes in the rear housing like a PX-5 and a PX-2 sized rear bearing. Because of machining differences; even though they may look the same, all of these rear housings are all model-specific and can not be interchanged.



Scale: none

Photo 3) These are the same PX-5 and PX-2 rear housings with the appropriate stators and R-Series front housings added to the stack. The front housings are identical in size. The difference now is just over 1-1/4 inches (Photo 4). This is because the PX-5 has a larger stator and rotor than the PX-2, plus the difference in rear bearings. This difference in overall size is very important due to the limited room behind the alternator on some installations. Because of its higher output and larger components, the PX-5 is usually recommended over the PX-2 in any application that requires a heavy duty alternator. A special mounting bracket may be needed for some installations.

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PennTex
INDUSTRIES, INC.

Manufacturers of
 High Efficiency Alternators and
 Mobile Electronic Devices.

Corporate:
 202 Plaza Drive
 Manchester, PA 17345
 Ph: 717-266-8762
 Fax: 717-266-7803

Manufacturing/ Sales/ Tech/ Warranty:
 7620 Flagstone Drive
 Fort Worth, TX 76118
 Ph: 817-590-2818
 Toll Free: 877-590-7366
 Fax: 817-590-0505, Tech Fax: 817-590-0398

www.penntexusa.com
 email: sales@penntexusa.com
tech@penntexusa.com